

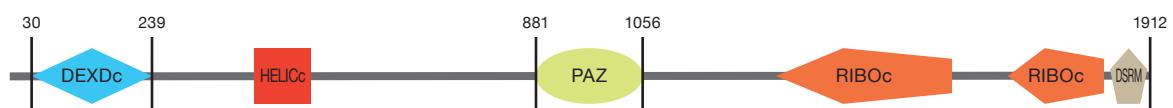
*Drosophila* Dicer-1



*Drosophila* Dicer-2



Human Dicer



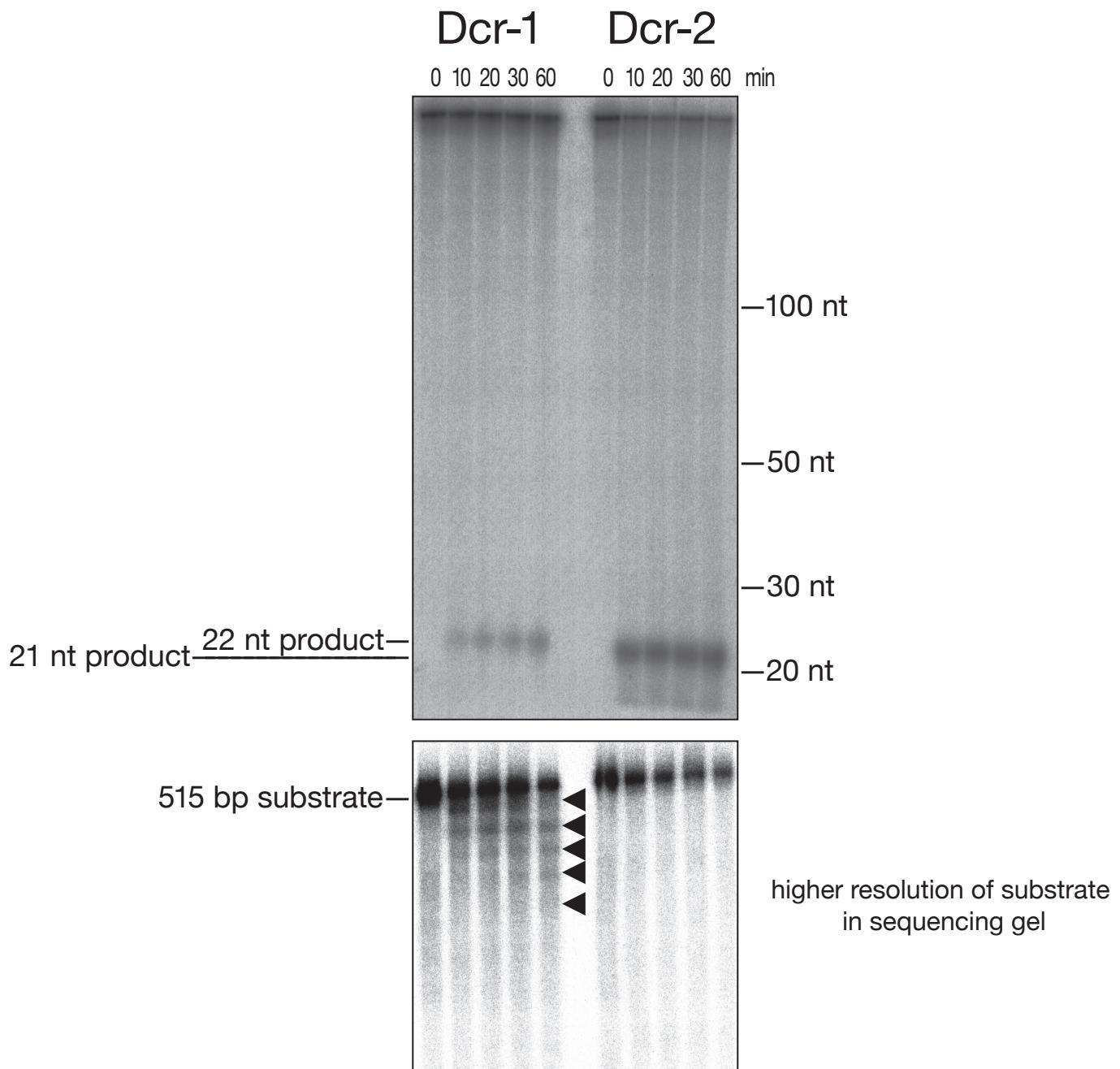
DEXDc DEAD-like helicase superfamily

RIBOc Ribonuclease III family

HELICc Helicase superfamily C-terminal domain

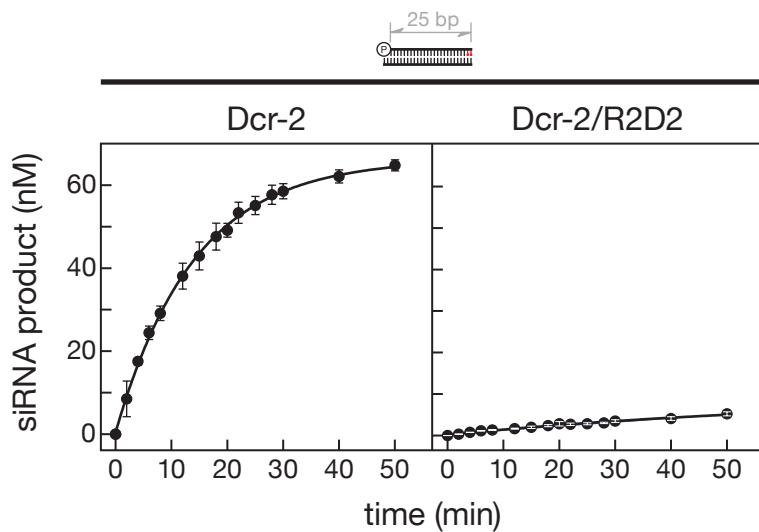
DSRM Double-stranded RNA binding motif

PAZ PAZ domain



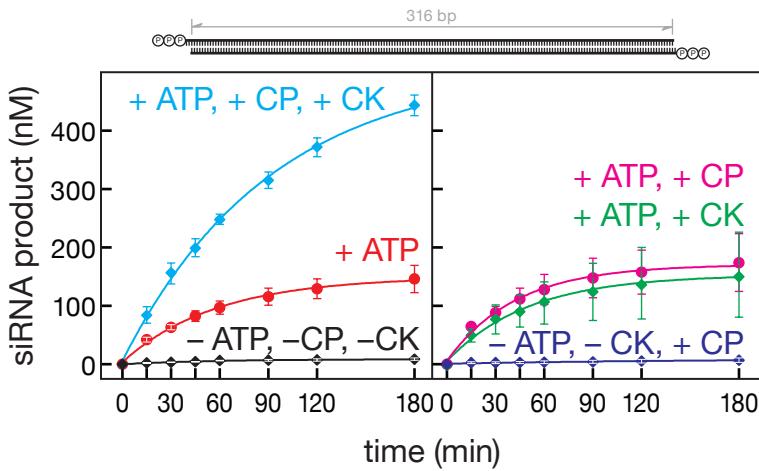
A

[25 bp dsRNA] >> [Dcr-2 or Dcr-2/R2D2]

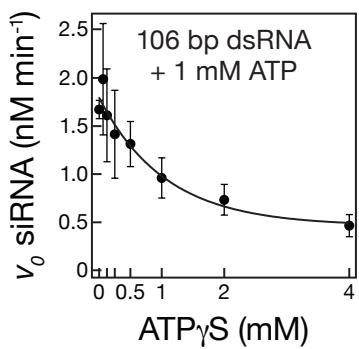


B

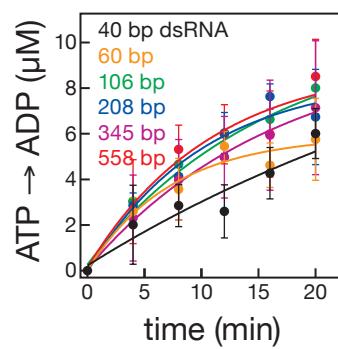
5' overhang dsRNA



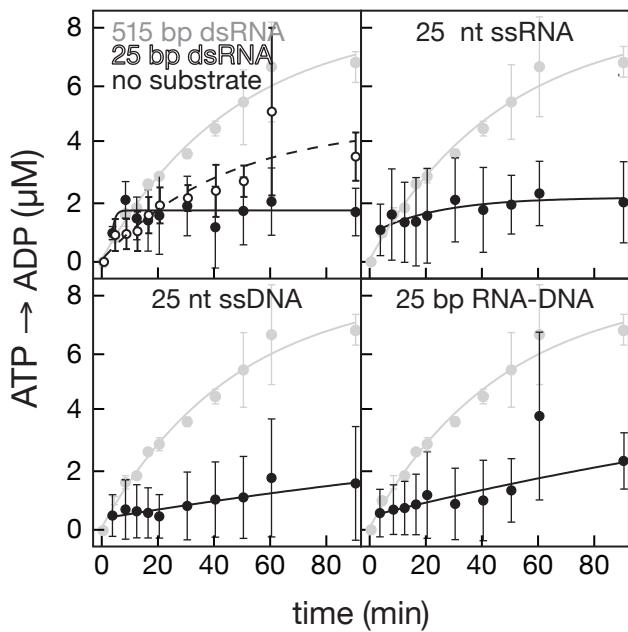
A



B



C



D

